

Date: Tuesday, 19/08/2008 4:04:13 PM
 * User: Julie Lecocq

Process Sheet

| | | | |
|------------------------------------|---|---------------------------|-------------|
| Customer : | CU-DAR001 Dart Helicopters Services | Drawing Name : | WEARPAD |
| Job Number : | 41436 | | |
| Estimate Number : | 10313 | | |
| P.O. Number : | | Part Number : | D26483 |
| This Issue : | 19/08/2008 | S.O. No. : | |
| Prsht Rev. : | NC | Drawing Number : | D2648 REV D |
| First Issue : | / / | Project Number : | N/A |
| Previous Run : | 41123 | Drawing Revision : | D |
| | Type : | Material : | |
| | SMALL /MED FAB | Due Date : | 30/09/2008 |
| Written By : | | Qty: | 20 |
| Checked & Approved By : | JLD 08-8-19 | Um: | Each |
| Comment : | Est: E 02.09.18 Re-format; Incorporated D2648-1 KJ/RF Est Rev:F Now on Waterjet 06-08-14 JLM | | |

Additional Product

Job Number:



| | | |
|----------------|------------------------------|----------------------|
| Seq. #: | Machine Or Operation: | Description : |
|----------------|------------------------------|----------------------|

| | | |
|-----|------------|----------------------|
| 1.0 | M1010S16GA | 1010/1025 sheet 16GA |
|-----|------------|----------------------|



Comment: Qty.: 0.0788 sf(s)/Unit Total : 1.5750 sf(s)
 1010/1025/A21/6aA SHEET
 (M1010S16GA)
 Batch: 105706 HB 8-9-11

| | | |
|-----|-----------|----------------|
| 2.0 | WATER JET | FLOW WATER JET |
|-----|-----------|----------------|



Comment: FLOW WATER JET
 1-Cut as per Dwg D2648
 *****CUT WITH FILE D2648-1*****
 Dwg Rev: D HB 8-9-11
 Prog Rev: D
 2-Deburr if necessary HB 8-9-11



| | | |
|-----|-----|--|
| 3.0 | QC2 | INSPECT PARTS AS THEY COME OFF MACHINE |
|-----|-----|--|



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

| | | |
|-----|-----|--------------|
| 4.0 | QC8 | SECOND CHECK |
|-----|-----|--------------|



Comment: SECOND CHECK

S 08/09/11 (22) counter

| | | |
|-----|-------------|-------------------------------|
| 5.0 | SMALL FAB 1 | SMALL & MEDIUM FAB RESOURCE 1 |
|-----|-------------|-------------------------------|



Comment: SMALL & MEDIUM FAB RESOURCE 1
 Deburr if necessary

u/s S 08/09/11
 Done at step 22

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Date: Tuesday, 19/08/2008 4:04:13 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPAD

Job Number: 41436

Part Number: D26483

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

BRAKE NC

NC BRAKE



Comment: NC BRAKE

1-Form as per Dwg D2648 on CNC brake using Jigs DT 8261 and DT 8326.

2-Identify as D2648-3

SD 08/09/16 (22)

7.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Qty Description

Batch

A/R560Hardcoat

M107553

1-Weld as per Dwg D2648 using Jig DT 8210

2-Remove any weld that penetrated through Wearpadif necessary

(X 22)

EL 8-9-25

8.0

QC10

VISUAL INSPECTION OF GROUND WELDS



Comment: VISUAL INSPECTION OF GROUND WELDS

SD 08/09/26 (22)

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

SD 08/09/26 (22)

10.0

POWDER COATING

POWDER COATING



M 106442



(22X)

Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

8:15
320 OF
8:45

M-1 08/09/26

11.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

08-09-26 (22)

12.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

F P-16

M-1 08/09/26

(22X)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Date: Tuesday, 19/08/2008 4:04:13 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPAD

Job Number: 41436

Part Number: D26483

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

QC21

FINAL INSPECTION/W/O RELEASE



08/09/30 *[Signature]*

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 08-09-26

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

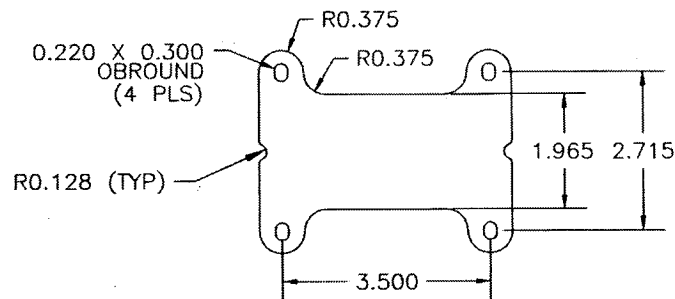
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

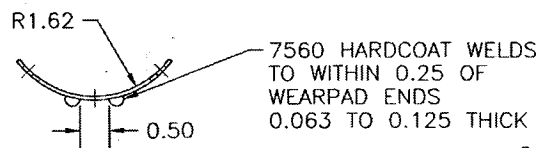
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

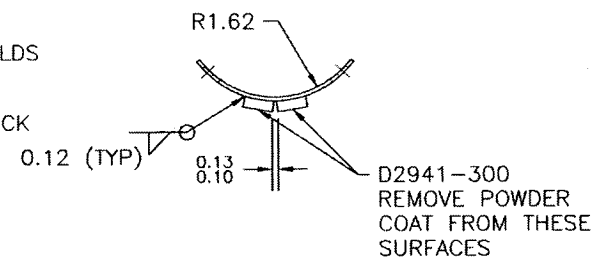
D2648-1 FLAT PATTERN



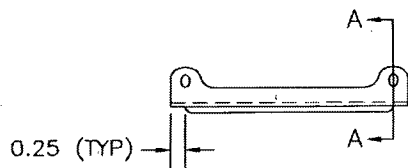
SECTION A-A



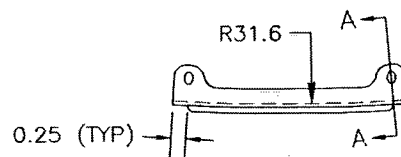
SECTION B-B



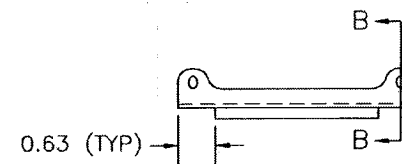
D2648-3 LONGITUDINAL BEND (MADE FROM D2648-1)



D2648-5 LONGITUDINAL BEND (MADE FROM D2648-1)



D2648-7 LONGITUDINAL BEND (MADE FROM D2648-1)



RELEASED
14.12.20 DS



BREAK ALL SHARP CORNERS 0.063 MAX
MATERIAL: 16 GAUGE AISI 1010-1025 OR ASTM A36/A366 STEEL (0.063 THICK)
FINISH: POWDER COAT GREY (REF. 4.3.5.5) PER DART QSI 005
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
ALL DIMENSIONS ARE IN INCHES

NO. 4488
WORK ORDER
WITHOUT NOTICE
SUBJECT TO AMENDMENT
UNCONTROLLED COPY
ENGINEERING
RETURN TO
TOP COPY

| | | |
|---------|----------|--|
| D | 99.11.17 | ADDED D2648-7 |
| C | 97.06.26 | R31.6 WAS R19.6 |
| B | 97.05.30 | ENLARGE OBOUND, 0.375 WAS 0.250 |
| A | 97.03.25 | NEW ISSUE |
| DESIGN | DRAWN BY | DART DART AEROSPACE USA, INC. BELLEVUE, WA |
| CHECKED | APPROVED | DRAWING NO. D2648 |
| DATE | 99.11.17 | TITLE WEARPAD |
| | | REV. D SHEET 1 OF 1 SCALE 1:2 |